

LOCAL ENVIRONMENTAL HEALTH UPDATE QUARTERLY STATEWIDE EH WEBINAR MONDAY, DEC 17 – 10 AM

Thanks for joining us. We will be starting shortly

Tips:

- Please mute your phone/computer mic unless needed
- Type questions or comments in the Q&A area



Local Environmental Health Update

Quarterly Statewide EH Webinar



I. Welcome

II. *Burden of Occupational Injury in Iowa*-Kathy Leinenkugel

III. IDPH Environmental Health Updates

IV. Updates from our Partners

- Department of Inspections and Appeals
- Department of Natural Resources
- State Hygienic Laboratory
- IEHA Professional Development Committee

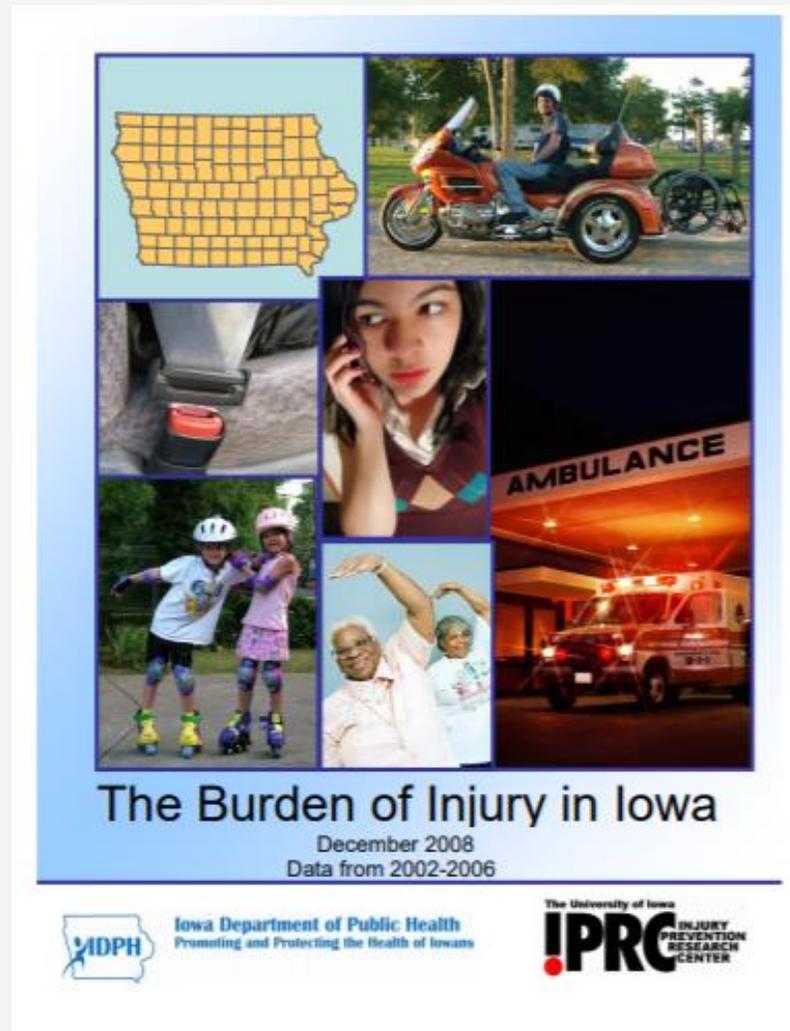
V. Q & A/Open Discussion-Local Environmental Health



BURDEN OF OCCUPATIONAL INJURY IN IOWA

**KATHY LEINENKUGEL
EHS QUARTERLY CALL
DECEMBER 17, 2018**

BACKGROUND



2008 FIRST REPORT

- IDPH Office of Disability, Injury Prevention
- UI Injury Prevention Research Center (IPRC)
- 2002-2006 data
 - Hospital Discharge
 - Trauma Registry
 - ED

Main Report
County-level Data

2015 UPDATE REPORT (STARTED)

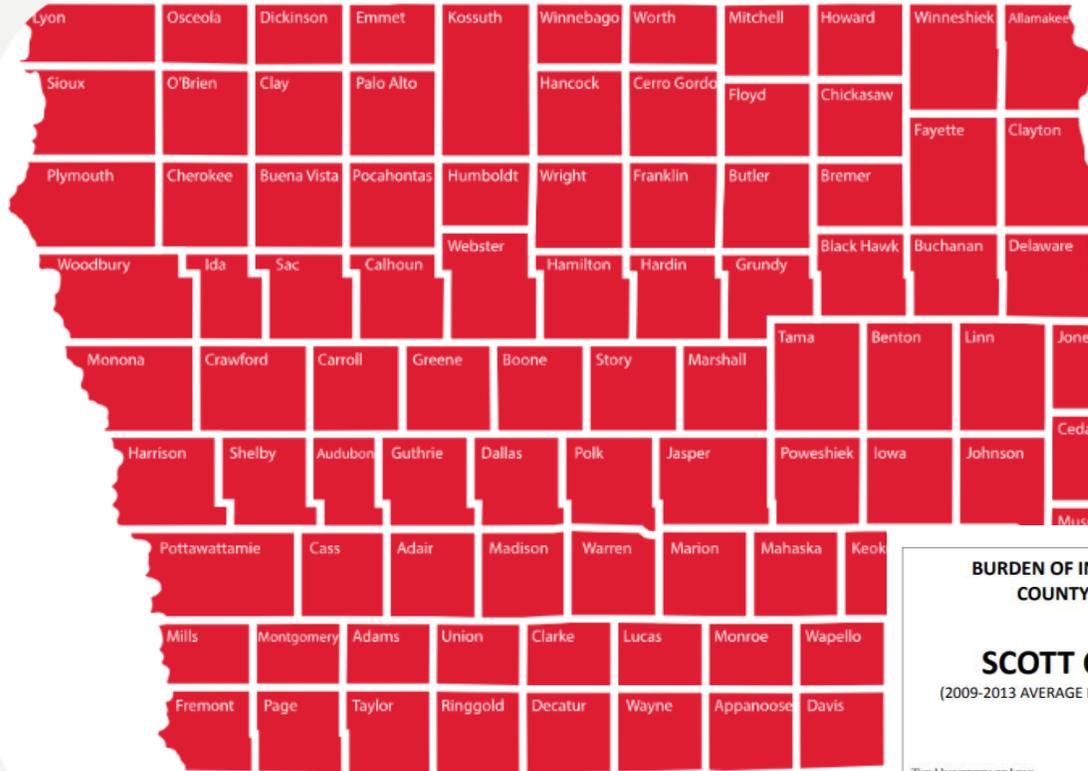
- IDPH Office of Disability, Injury Prevention
- UI Injury Prevention Research Center (IPRC)
- IDPH Occupational Health & Safety Surveillance Program (OHSSP)
- 2009-2013 data
 - Hospital Discharge
 - Trauma Registry
 - OHI (OH Sub-report)

Main Report
County-level Data
OH Sub-report

WE HAD IT ALL PLANNED OUT.....



IPRC County-level Reports

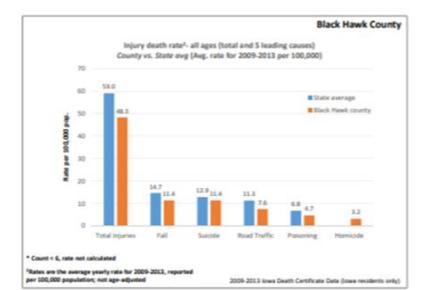


BURDEN OF INJURY IN IOWA COUNTY REPORTS

BLACK HAWK COUNTY
(2009-2013 AVERAGE POPULATION = 131,209)

THE UNIVERSITY OF IOWA
IPRC INJURY PREVENTION RESEARCH CENTER

Iowa Department of Public Health
Preventing and Promoting the Health of Iowans

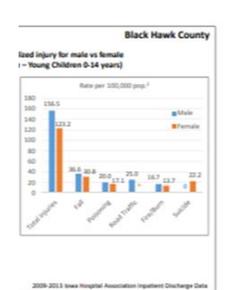
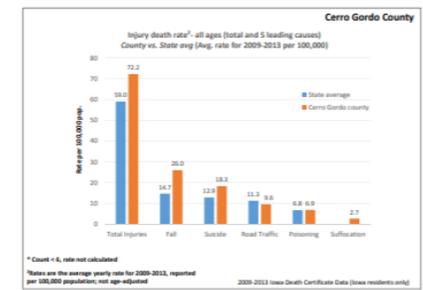


BURDEN OF INJURY IN IOWA COUNTY REPORTS

CERRO GORDO COUNTY
(2009-2013 AVERAGE POPULATION = 43,788)

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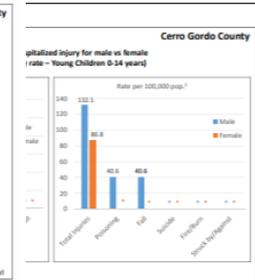
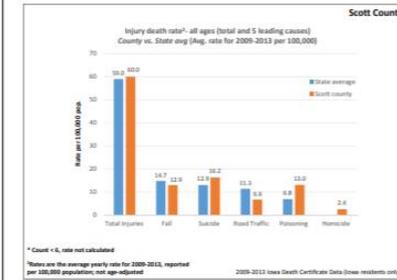


BURDEN OF INJURY IN IOWA COUNTY REPORTS

SCOTT COUNTY
(2009-2013 AVERAGE POPULATION = 167,661)

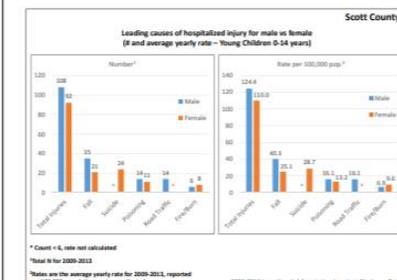
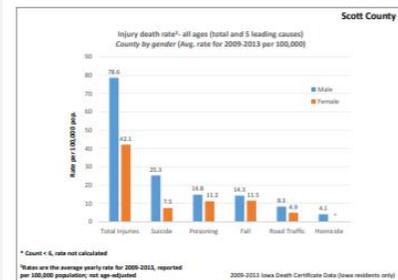
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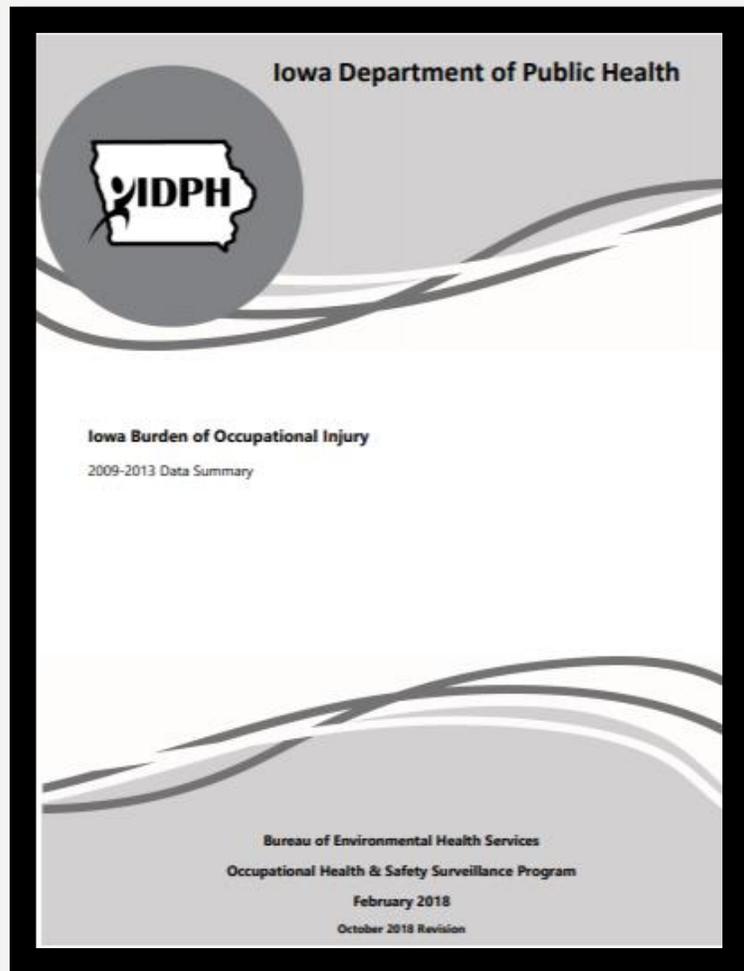


Data often used in CHNA-HIP

- Community health needs Assessment
- Health Improvement Plan

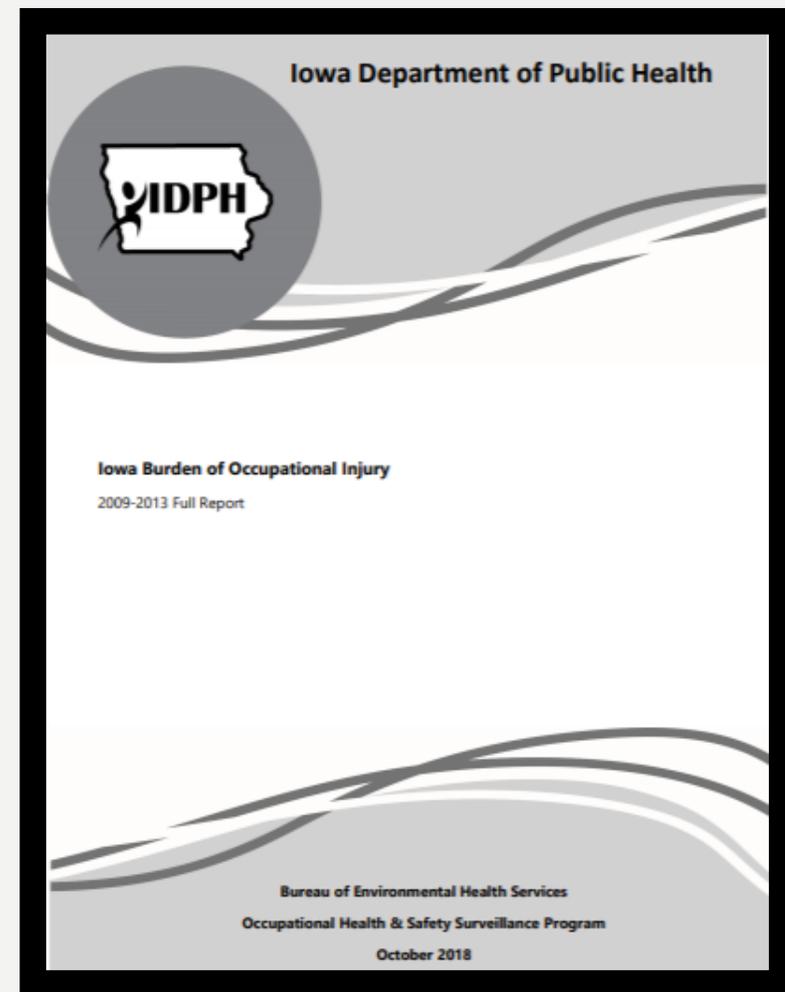


IDPH OHSSP



**Summary Report:
Feb 2018**

**Full Report:
Oct 2018**



FIND IT ON THE WEB.....

- Go to idph.iowa.gov
- Use the A-Z Index option
- Search for “occupational” or scroll down to “Occupational Health & Safety Surveillance”

OR

- Google Search for IDPH OHSSP

<https://idph.iowa.gov/Environmental-Health-Services/Occupational-Health-and-Safety-Surveillance>

Once you are at the web page look for:

- [Burden of Occupational Injury in Iowa, 2009-2013 Summary Report, Oct 2018 rev PDF](#)
 - [University of Iowa Injury Prevention Research Center Burden of Injury county-level data](#)
- [Burden of Occupational Injury in Iowa, 2009-2013 Full Report PDF](#)

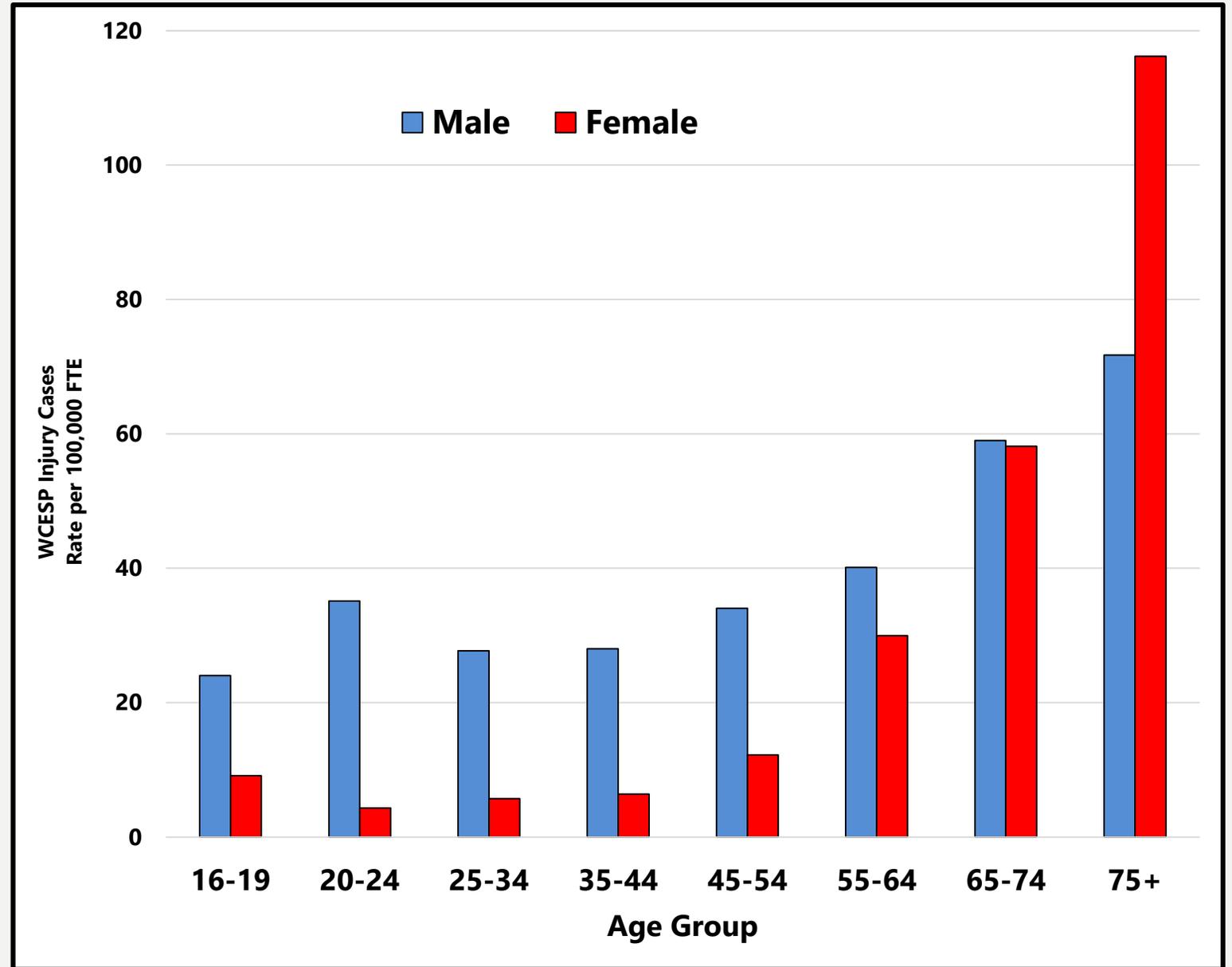
SOME KEY FINDINGS 2009-2013

Hospital inpatient
workers' comp
charges:
\$78 million

Admitting Diagnosis	5-Year Total Injuries	Median Cost	5-Year Total Hospital Costs
Crushing	65	\$28,142	\$3,170,084
Blood Vessels	5	\$27,206	\$275,628
Fractures	1149	\$26,706	\$49,112,304
Dislocations	18	\$24,598	\$603,325
Internal	170	\$19,350	\$7,226,112
Burns	125	\$18,566	\$8,518,325
Other, Unspecified	130	\$18,496	\$4,227,059
Sprains & Strains	59	\$17,022	\$1,243,922
Amputations	29	\$15,846	\$1,075,382
Open Wounds	109	\$14,793	\$2,190,297
Contusion, Superficial	22	\$9,378	\$273,122
Total	1881	\$24,047	\$77,915,560

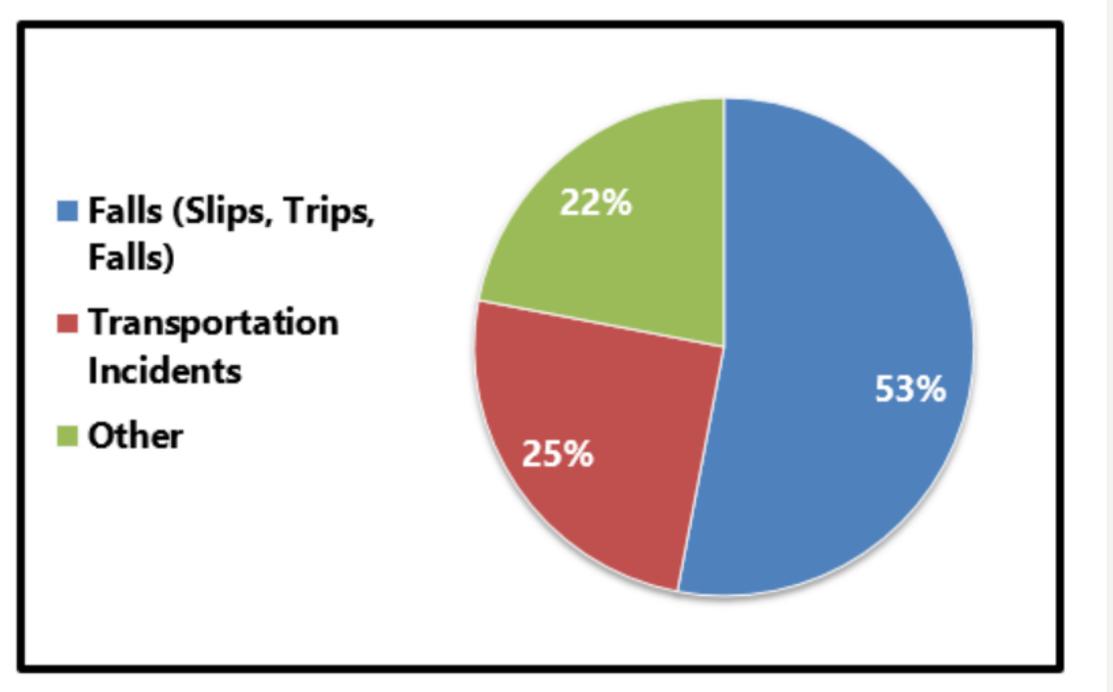
Workers 75+
average hospitalized
injury rate:
88/100,000

Rate for Women
75+: 116/100,000



Traumatic Brain Injuries

144 Hospitalized TBI – Workers' Comp



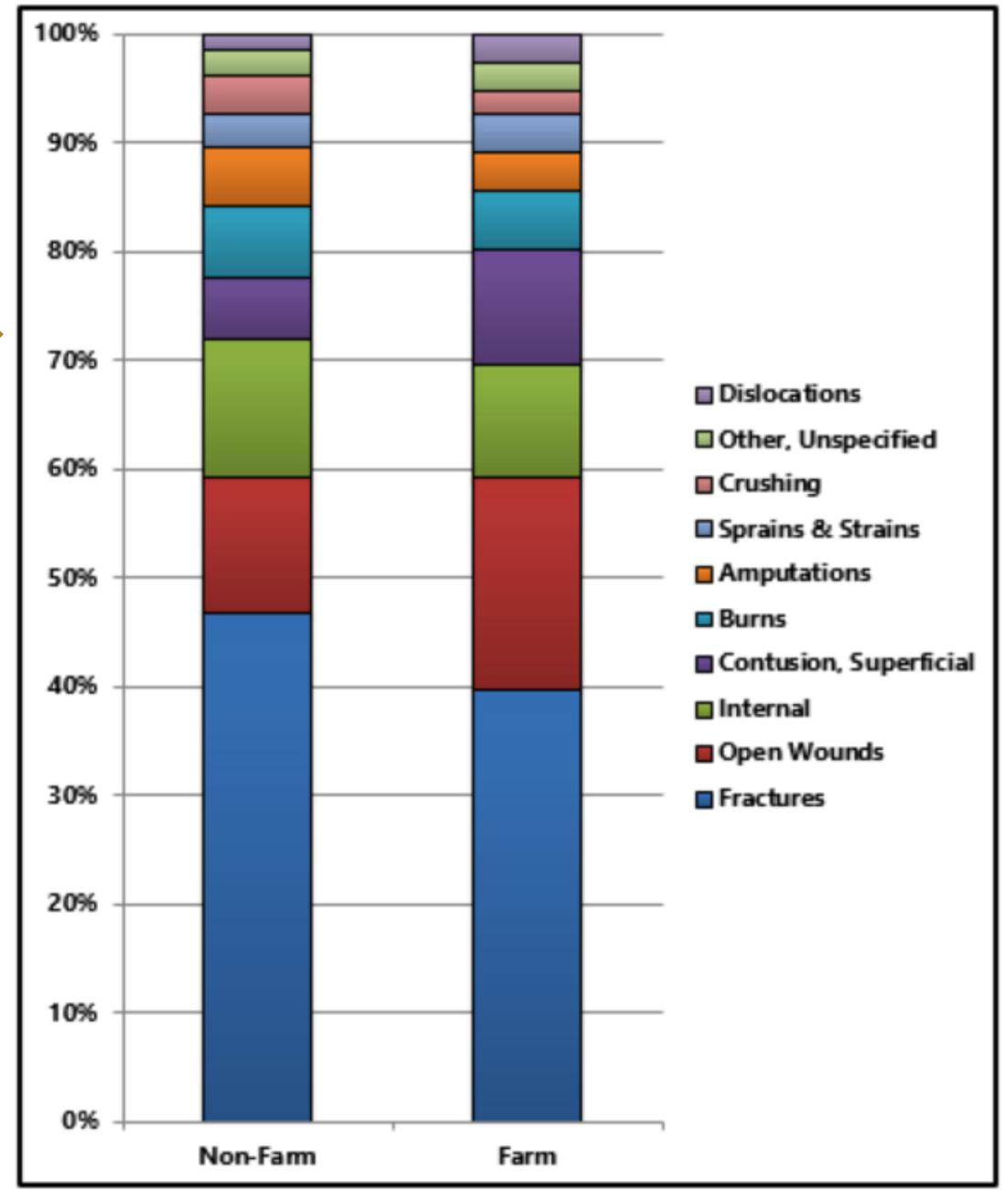
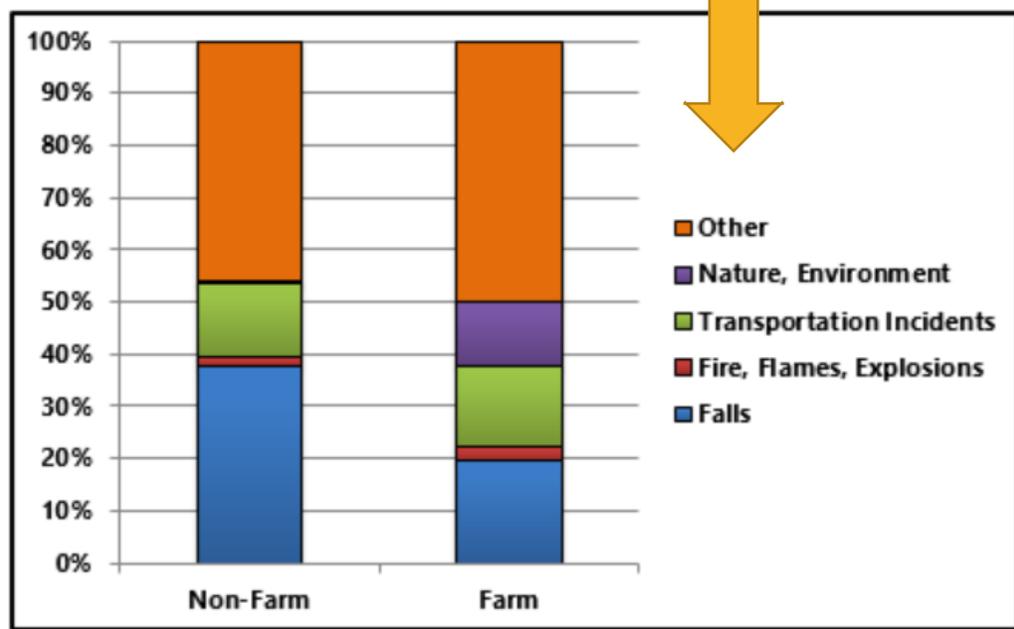
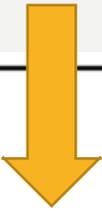
Admitting Diagnosis	5-Year Total	Percent of Injuries (%)	5-Year Total Cost	Percent of Costs (%)
TBI	144	7.7	\$8,635,998	11.1
Non-TBI	1737	92.3	\$69,279,550	88.9
Total	1881	100	\$77,915,548	100

Trauma Registry Data Work-related

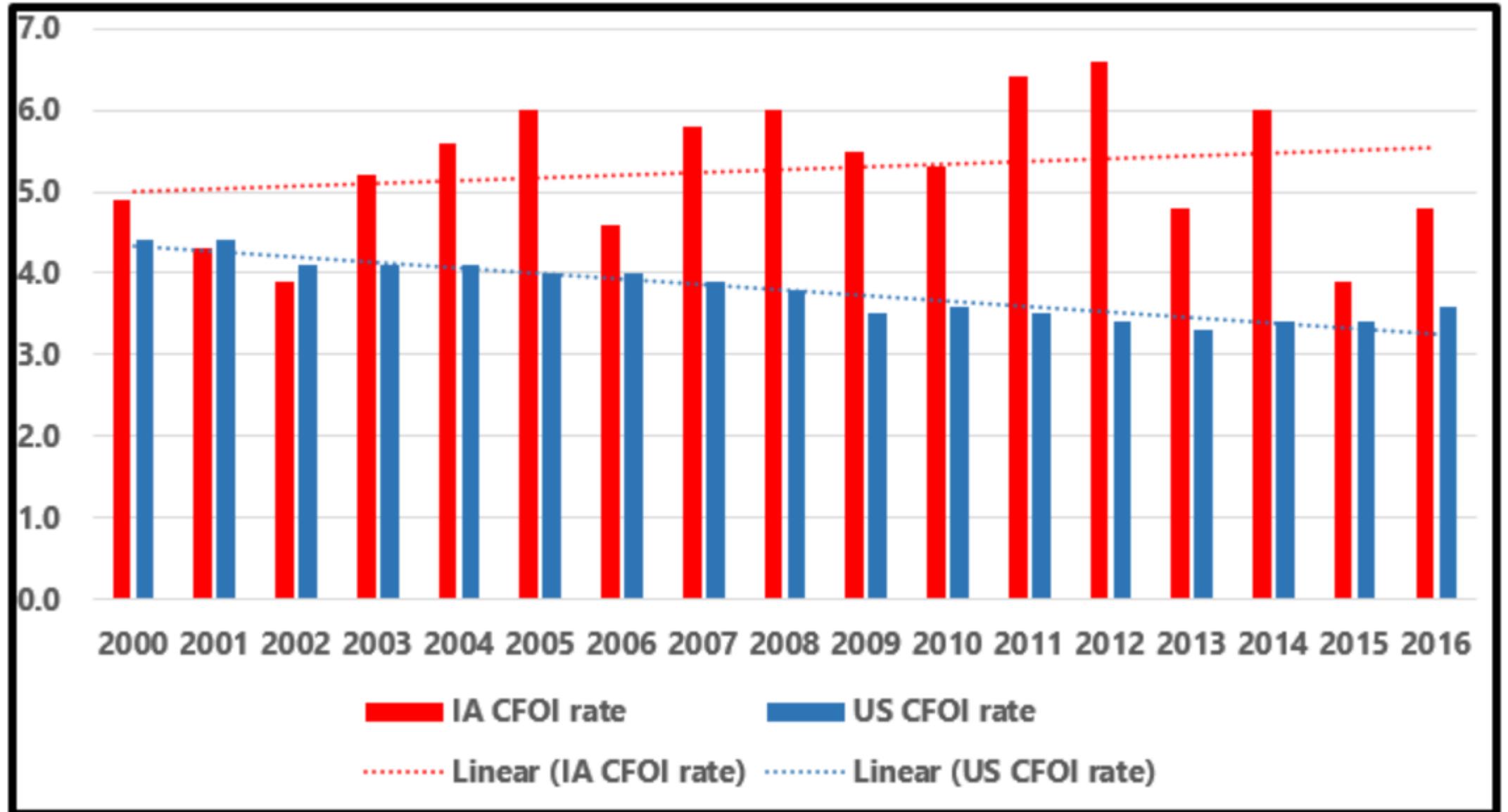
Primary Diagnosis Categories



External Cause Categories

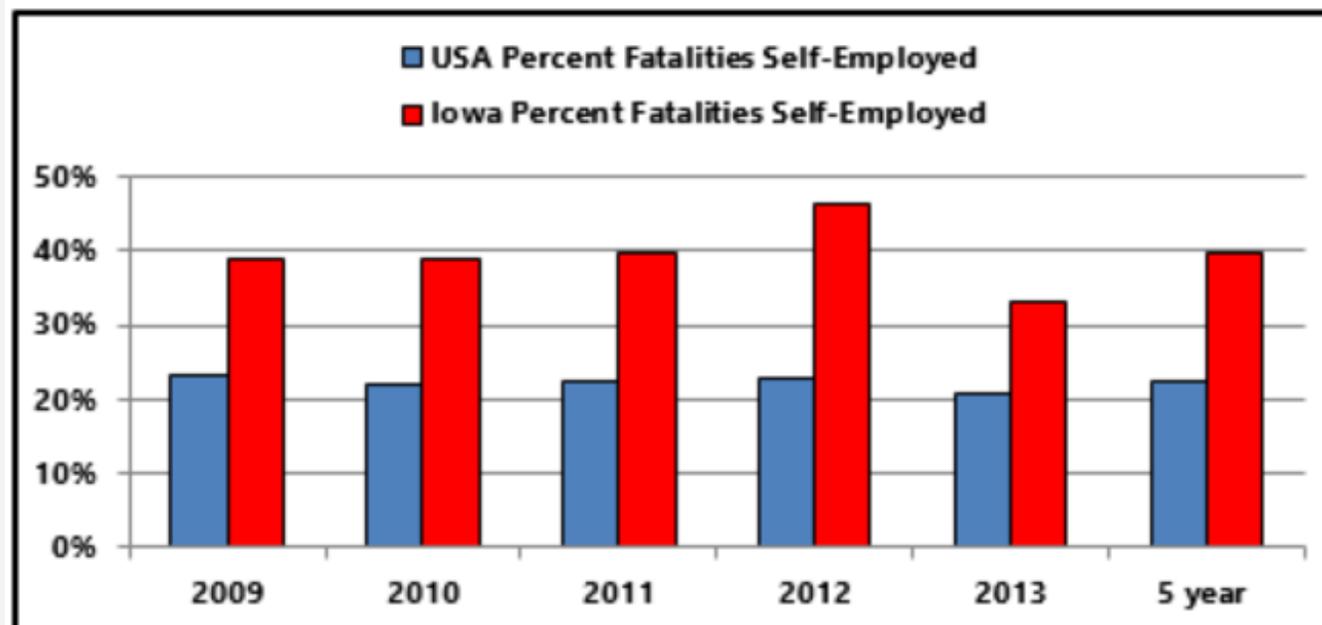


Iowa work-related fatal injury rates compared to the US rates

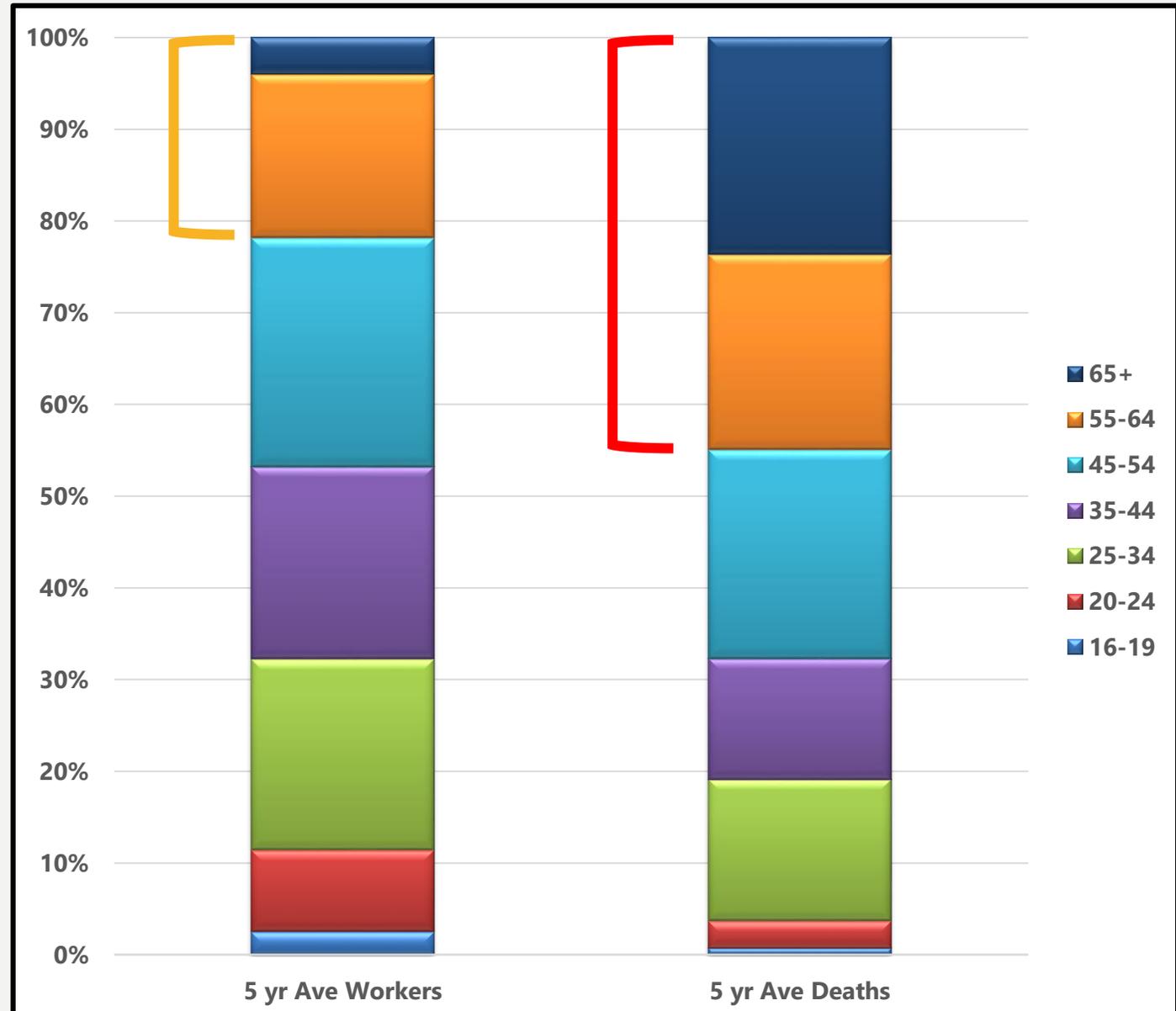


Self-employed workers in Iowa were almost twice as likely to die from a fatal injury than self-employed workers in the US as a whole

USA	2009	2010	2011	2012	2013	5 year
Wage and salary workers*	3488	3651	3642	3571	3635	17987
Self-employed**	1063	1039	1051	1057	950	5160
Percent Fatalities Self-Employed	23%	22%	22%	23%	21%	22%
Iowa	2009	2010	2011	2012	2013	5 year
Wage and salary workers*	49	47	56	52	48	252
Self-employed**	31	30	37	45	24	167
Percent Fatalities Self-Employed	39%	39%	40%	46%	33%	40%



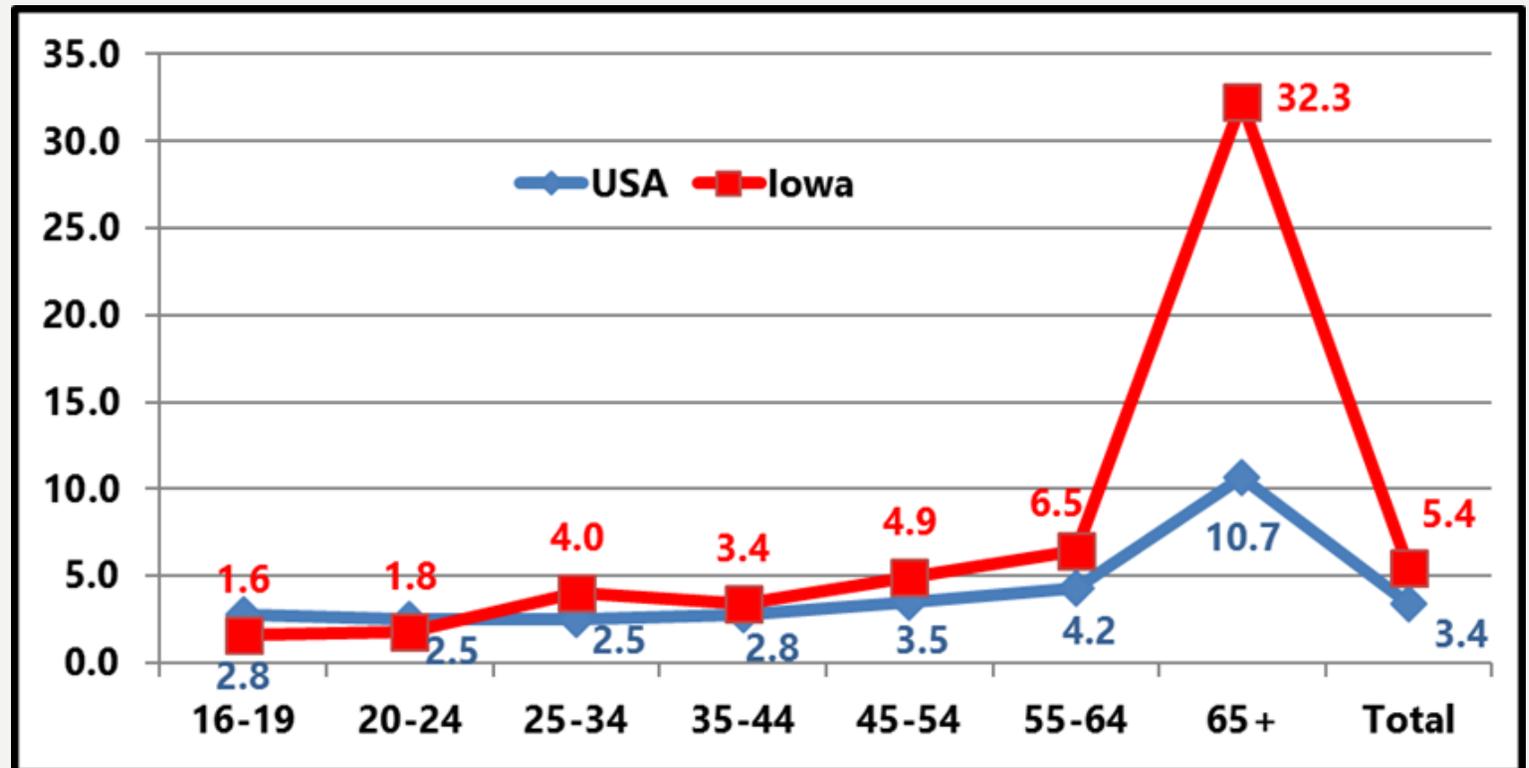
Iowa workers 55 years of age or older made up 22% of the workforce, but almost 38% of the fatalities.



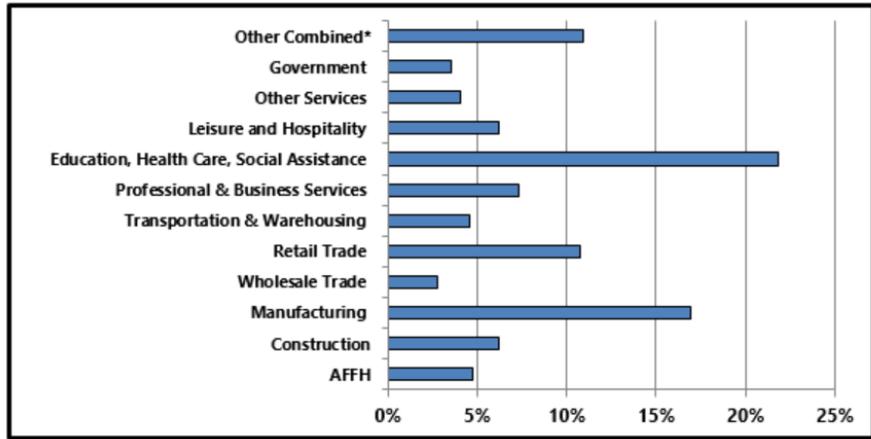
Workers by Age Range	% of USA Workforce	% of Iowa Workforce
16-19	2%	2%
20-24	8%	9%
25-34	22%	21%
35-44	23%	21%
45-54	25%	25%
55-64	16%	18%
65+	4%	4%

Iowa workers 65+ fatal occupational injury rate:
32.3/100,000

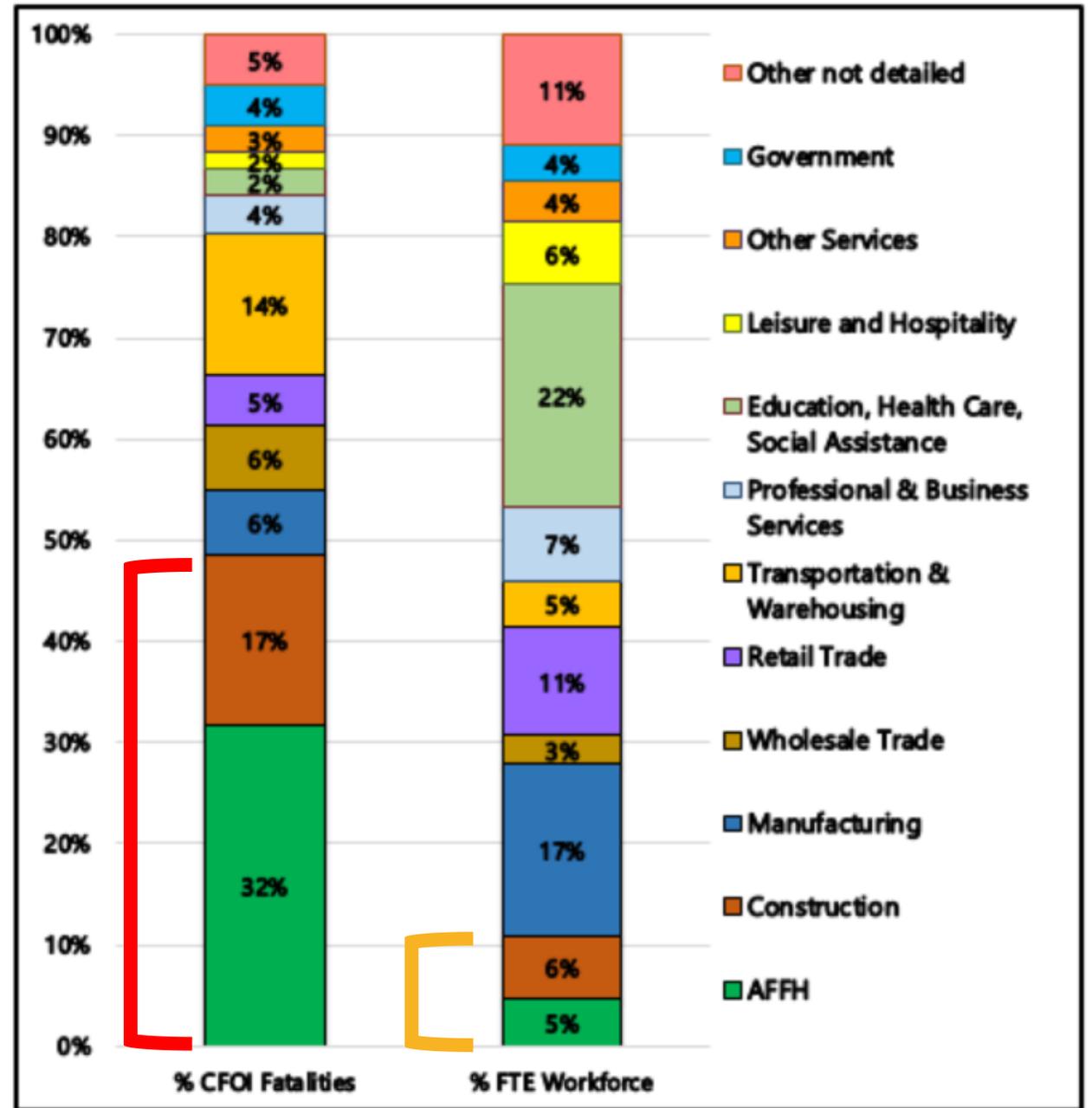
US workers 65+ rate:
10.7/100,000



Iowa Workforce by Industry



11% of the Iowa workforce had 49% of the work-related fatalities





**FARM
PROGRESS
SHOW. 2018**

AUGUST 28-30, 2018
BOONE, IOWA

Using the data to
drive program
outreach & activities









QUESTIONS?

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Occupational Health & Safety Surveillance

Adult Lead Surveillance



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We wish you a safe, happy, and healthy holiday season!
The EHS Bureau

